

CLAIMS

1. A floor mat system comprising:

a mat having a flexible body that defines a plurality of flow-through openings;

5 the flexible body having an upper surface and a lower surface;

each of the flow-through openings defining a flow path that extends from the upper surface of the flexible body to the lower surface of the flexible body;

the body defining a plurality of spaced slots that open to the upper surface of the flexible body;

10 each of the slots having a longitudinal direction;

the flexible body being flexible about at least one reference line that is perpendicular to the longitudinal direction of the slot;

a material strip disposed in each of the slots; and

15 each material strip being removably and re-attachably connected to the flexible body.

2. The floor mat system of claim 1, wherein the body defines a support structure at the bottom of each slot; the material strip being connected to the support structure.

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3. The floor mat system of claim 2, wherein the flexible body defines a drainage opening in each slot.

4. The floor mat system of claim 2, further comprising hook and loop fasteners that removably and reattachably connect the material strip to the flexible body.

5. The floor mat system of claim 1, wherein no portion of the flexible body overhangs the material strip.

6. The floor mat system of claim 1, wherein the flexible body is fabricated from rubber.

7. The floor mat system of claim 1, wherein the flexible body is fabricated from plastic.

8. The floor mat system of claim 1, wherein each material strip has a first width; each slot having a second width; the second width being greater than the first width.

9. The floor mat system of claim 1, further comprising hook and loop fasteners providing the removable and re-attachable connection between the material strips and the flexible body.

10. The floor mat system of claim 1, wherein each material strip has a longitudinal direction; each of the material strips being flexible about at least one

reference line that is perpendicular to the longitudinal direction of the material strip.

11. The floor mat system of claim 1, wherein each of the material strips has an upper surface; the upper surfaces of the material strips being disposed above the upper surface of the flexible body when the material strips are disposed in the slots.

12. The floor mat system of claim 1, wherein the slots are parallel and spaced apart from one another.

13. A floor mat system comprising:

a flexible, flow-through mat having a body fabricated from a plurality of non-metal intersecting upper and lower ribs;

the upper ribs being parallel and defining a plurality of slots;

the upper ribs defining a plurality of flow-through openings intermediate each pair of slots;

a material strip removably and reattachably connected to the mat body in each of the slots; and

the mat defining at least one drain opening adapted to allow liquid to drain out of the slot.

14. The floor mat system of claim 13, wherein the slots are parallel and spaced apart from one another.

5 15. The floor mat system of claim 13, wherein each of the material strips has an upper surface; the upper surfaces of the material strips being disposed above the upper surface of the flexible body when the material strips are disposed in the slots.

10 16. The floor mat system of claim 13, wherein each material strip has a longitudinal direction; each of the material strips being flexible about at least one reference line that is perpendicular to the longitudinal direction of the material strip.

15 17. The floor mat system of claim 13, further comprising hook and loop fasteners providing the removable and re-attachable connection between the material strips and the flexible body.

20 18. The floor mat system of claim 17, wherein each material strip has a first width; each slot having a second width; the second width being greater than the first width.

19. The floor mat system of claim 18, wherein the body defines a support structure at the bottom of each slot; the material strip being connected to the support structure.

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20. The floor mat system of claim 19, wherein no portion of the flexible body overhangs the material strip.